# Pre-insulated Uponor AquaPEX coils

## Project information

| | |
|---|---|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

## Technical data

| | |
|---|---|
| Material | PEX |
| Temp/pressure ratings | 73 °F (23 °C) at 160 psi (11 bar)<br>180 °F (82 °C) at 100 psi (6.9 bar)<br>200 °F (93 °C) at 80 psi (5.5 bar) |

## Product information and application use

Pre-insulated Uponor AquaPEX® complies with the most recent versions of ASHRAE 90.1 and the International Energy Conservation Code (IECC). The product is available with ½" to 1¼" PEX-a service pipe covered in ½" or 1" insulation. The insulation features manufactured-sealed seams running the entire length of the pipe for added convenience and system performance. Check with local code authorities regarding energy-code requirements for specific applications.

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.



| | Part name | Part no. | Inner diameter coil [inch] | Outer diameter coil [inch] | Coil width [inch] | Inner diameter pipe [inch] | Outer diameter pipe [inch] | R value | Inner diameter Service Pipe [in] | Outer diameter Service Pipe [in] | Weight per UOM [lbs/UOM] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil | F6040500 | 19 | 30 | 8.5 | 0.475 | 1.625 | 3.9 | 0.475 | 0.625 | 8 |
| | 1/2" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil | F6150500 | 19 | 36 | 12.5 | 0.475 | 2.625 | 7.5 | 0.475 | 0.625 | 11 |
| | 3/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil | F6040750 | 19 | 32 | 12.5 | 0.671 | 1.875 | 3.6 | 0.671 | 0.875 | 12.8 |
| | 1" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil | F6041000 | 19 | 31 | 12.5 | 0.862 | 2.125 | 3.4 | 0.862 | 1.125 | 21 |
| | 1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil | F6151000 | 19 | 40 | 14 | 0.862 | 3.125 | 6.4 | 0.862 | 1.125 | 30.2 |
| ✔ | 1 1/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil | F6151250 | 27 | 40.5 | 12 | 1.054 | 3.375 | 6.1 | 1.054 | 1.375 | 39.2 |
| | 3/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil | F6150750 | 19 | 39 | 12.5 | 0.671 | 2.874 | 7.9 | 0.671 | 0.875 | 22 |

| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| Pre-insulated Uponor AquaPEX coils | All | UPC\|IMC\|NBC of Canada\|IPC\|IBC\|IRC\|UMC\|NSPC\|UFGS\|NPC of Canada | ASTM F1960\|ASTM F2023\|ASTM E814/ULC S115\|CSA B214\|CSA B137.5\|NSF/ANSI 14\|NSF/ANSI/CAN 61\|ASTM F876\|ASTM F877 | IAPMO-ES\|ICC-ES-PMG\|CSA\|CCMC\|PPI TR-4\|U.P.Code |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| 1/2" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil | F6040500 | | ULC S101 | cNSFus-pw\|cQAIus P321\|UL |
| 1/2" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil | F6150500 | | ULC S101 | cNSFus-pw\|cQAIus P321\|UL |
| 3/4" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil | F6040750 | | UL 1821\|ULC S101 | cQAIus P321\|UL\|cNSFus-pw-fs |
| 1" Pre-insulated Uponor AquaPEX with 1/2" insulation, 100-ft. coil | F6041000 | | UL 1821\|ULC S101 | cQAIus P321\|UL\|cNSFus-pw-fs |
| 1" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil | F6151000 | | UL 1821\|ULC S101 | cQAIus P321\|UL\|cNSFus-pw-fs |
| 1 1/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil | F6151250 | | UL 1821 | cNSFus-pw-fs |
| 3/4" Pre-insulated Uponor AquaPEX with 1" insulation, 100-ft. coil | F6150750 | | UL 1821\|ULC S101 | cQAIus P321\|UL\|cNSFus-pw-fs |

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| Installation | Related applications |
| --- | --- |
| Approved fitting system is ProPEX®. Refer to the ProPEX Connections Instructional Guide, Uponor Piping Pocket Guide, PEX Piping Systems Design and Installation Manual (PDIM), Complete Design Assistance Manual (CDAM), Hydronic Piping Design Assistance Manual (HPDAM) or AquaSAFE™ Residential Fire Sprinkler Installation Guide for more information. | PEX-a Plumbing Systems<br>Radiant Heating and Cooling Systems<br>Hydronic Piping Systems |

## Notes

Operating condition limits (hydrostatic ratings):
½"-2" Uponor AquaPEX® White only: 120°F (49°C) at 130 psi (896 kPa)

| Footnotes | Contact information | |
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